

## EP WELLS DAILY OPERATIONS REPORT

Report 32

07/05/2017

|               |                             |
|---------------|-----------------------------|
| Company       | PERMIAN                     |
| Well Type     | Development                 |
| Well          | UNIVERSITY 19 PW UNIT 1503H |
| Wellbore      | UNIVERSITY 19 PW UNIT 1503H |
| WBS No/API No | 30265013 / 4230133170       |

## Event Summary

|            |                     |                    |                  |                  |       |
|------------|---------------------|--------------------|------------------|------------------|-------|
| Event Type | Completion only     | Event Start Date   | 04/28/2017       | Days on Location | 31.00 |
| Objective  | Install Completion  | Original Spud Date | 01/29/2017       |                  |       |
| Est. Days  | 25.00               | Contractor         | PERMIAN WELL SVC |                  |       |
| Work Unit  | PERMIAN COMPLETIONS | Days To Release    |                  |                  |       |
|            |                     | Rig Phone/FAX No.  |                  |                  |       |

## Well Status

|                                    |                            |                          |   |
|------------------------------------|----------------------------|--------------------------|---|
| Supervisor                         | Bruce Smiley, Jeff Pontell | Measured Depth(ft)       |   |
| Engineer                           | Joddie Carlile             | TVD(ft)                  |   |
| Other Supervisor                   | Mike Reber                 | 24 Hr Progress(ft)       |   |
| Depth Ref/Grd Elev/Water Depth(ft) | DFE: 2,761.85 / 2,736.20   | Hole size(in)            |   |
| THF Datum                          |                            |                          |   |
| Daily NPT(hr/%)                    | 24.00/100.00               | Last Casing MD           |   |
| Days Ahd(-) Bhnd(+)(50/50)         |                            | Next Casing MD           |   |
| Actual cost to date/AFE            | 2,520,926/4,184,415.00     | Current MW / BH EMW(ppg) | / |
| Actual divided by AFE              | 0.60                       | LOT/FIT EMW(ppg)         |   |
| Daily Cost                         | 46,740                     | Lithology                |   |
|                                    |                            | Formation/MD Top         |   |

## HSE Summary

| Last Incident   | Date | Days | Last Incident  | Date | Days | KPI's  |  |
|---|------|------|--|------|------|--|--|
| LWC<br>RWC<br>MTC<br>FAC<br>Last casing pressure test |      |      | PSI<br>NII<br>HPI<br><b>GOAL ZERO DAYS</b><br><b>PS BARRIER EVENT</b><br><b>PS barrier bowtie review</b> |      |      | TRCF<br>LWCF<br>Safety Cards - Safe<br>Safety Card - Unsafe<br>SSE%<br>Last casing pressure(psi) |  |
| Safety Comments:                                      |      |      |  |      |      |  |  |
| 91 man hours  |      |      |  |      |      |  |  |
| 41 travel hours                                       |      |      |  |      |      |  |  |

## HSE Drills

| Drills/Tests  | Date | Days Since Last |  |    |
|---|------|-----------------|--|----|
| Last Derrick Inspection<br>Last BOP function test<br>Last BOP Test<br>Next BOP Test |      |                 | JSA's/Toolbox Talks<br>Days Since Last Drill | 30 |

## Operations Summary

|  |
|--|
| 24 Hour Summary  |
| MI and spot in Step CT package, check combo BOP, quad BOP, and stripper certs, all out of date, SD CT RU, NPT starts Step CT, send in BOP and stripper for re-certification, RU crane, flowcross, and flowback |
| Update Since Report Time   |
| No activity, wait on Step to certify BOP's and stripper  |
| 24 Hour Forecast   |
| No activity until BOP's and stripper are back on location, Step will have CSI re-certify in a.m., if completed, proceed with RU CT   |

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Wellbore UNIVERSITY 19 PW UNIT 1503H

## Time Summary

| Start        | Hours        | PH   | OPN | Detail | Drilled Depth (ft) | NPT level | Rig Rate | Description   |
|--------------|--------------|------|-----|--------|--------------------|-----------|----------|---|
| 0:00         | 7.00         | COIL | NOA |        |                    | 1         |          | No activity, prep to MIRU CT, crane, flowcross, and flowback  |
| 7:00         | 1.50         | COIL | RGU |        |                    | 1         |          | AOL. Check pressure, SICP 1503H 2200 psi. Survey location and await delivery of flowcross.  |
| 8:30         | 0.75         | COIL | RGU |        |                    | 1         |          | PJSM with flowback, crane, torque and test crews. Discuss plan for day and hazards/preventions/mitigations. Review JSAs and prepare permits.  |
| 9:15         | 0.50         | COIL | RGU |        |                    | 1         |          | Spot and RU crane. Perform anti two-block test and check annual inspection and riggings. Offload 500 bbl water into frac tanks. CT lubricator trailer, double pumper, doghouse AOL.   |
| 9:45         | 1.00         | COIL | RGU |        |                    | 1         |          | Verify no trapped pressure, break ported blind flange, PU flowcross and stab on 1504H well. Torque to spec.   |
| 10:45        | 0.50         | COIL | RGU |        |                    | 1         |          | Offload 3 jt lubricator and prepare to complete remainder of flowback RU.   |
| 11:15        | 4.00         | COIL | RGU |        |                    | 1         |          | Await CT reel truck from previous location. Complete remainder of flowback RU.  |
| 15:15        | 2.50         | COIL | RGU |        |                    | 1         |          | CT reel trailer and remainder of equipment AOL. PJSM with CT to discuss plan for RU and hazards/preventions/mitigations. Spot double pumper, reel trailer, lubricator trailer. Begin unloading hose packages and RU CT.   |
| 17:45        | 1.75         | COIL | NOA |        |                    | 2         |          | *** START NPT (BOP) STEP CT *** Certifications for stripper, quad BOP, combi BOP out of date, last certified Jan/Feb 2016. Plan to send BOPs, control package, stripper back to shop for recertification and return to location 7/6/17 - 7/7/17.  |
| 19:30        | 4.50         | COIL | RGU |        |                    | 2         |          | *** CONTINUE WITH NPT (BOP) STEP CT***<br><br>19:30 STEP night crew on location, review plan, discuss hand awareness, loader awareness, line of fire, pinch points, slips and trips, review JSA, crew ties in hydraulic hoses from command center to reel trailer, bring injector to upright position, bring loader in, pull 4 pins and remove 15K stripper, lay injector down and BD hose package from command center. Load out 15K stripper on 1 ton, take to shop to rebuild overnight and also crew will rebuild combo BOP and quad BOP overnight, day crew will take to C.S.I. for certification.<br><br>***CONTINUE WITH NPT (BOP) STEP CT*** |
| <b>Total</b> | <b>24.00</b> |      |     |        |                    |           |          |   |

## 06.00 Update

| Start | Hours | PH   | OPN | Detail | Drilled Depth (ft) | NPT level | Description   |
|-------|-------|------|-----|--------|--------------------|-----------|---|
| 0:00  | 7.50  | COIL | NOA |        |                    | 1         | *** CONTINUE WITH NPT (BOP) STEP CT***<br><br>No Activity, crew change<br><br>***CONTINUE WITH NPT (BOP) STEP CT*** |

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## NPT Summary

| Start Date/Time   | Responsible Company          | NPT Code                | Failure MD (ft) | Ops Code | Type* | Equipment Type                 | Net time (hr) | Gross time (hr) | Severity | Status |
|---|------------------------------|-------------------------|-----------------|----------|-------|--------------------------------|---------------|-----------------|----------|--------|
| 07/05/2017 00:00  | KEANE FRAC LP                | Perforation             |                 | NOA      | EN    | Elect W/line Perforating Equip | 0.00          | 0.00            |          | OPEN   |
| <b>Description:</b> Lost BHA off W/L  |                              |                         |                 |          |       | <b>Title:</b> FISHING OPS      |               |                 |          |        |
| 07/05/2017 17:45  | STEP ENERGY SERVICES USA LTD | Clean-up for Completion |                 | NOA      | EN    | Coil Tubing Surface Equipment  | 1.75          | 1.75            |          | OPEN   |
| <b>Description:</b> Certifications for stripper, quad BOP, combi BOP out of date, last certified Jan/Feb 2016. Plan to send BOPs, control package, stripper back to shop for recertification and return to location 7/6/17 - 7/7/17 |                              |                         |                 |          |       | <b>Title:</b> NO CERTS FOR BOP |               |                 |          |        |
| <b>Total</b>  |                              |                         |                 |          |       |                                | <b>1.75</b>   | <b>1.75</b>     |          |        |

## Remarks

Rentals starting 7/5:

6 x LIGHT PLANTS - DESERT EQUIPMENT  
1 X 135' MANLIFT, 1 X FORKLIFT, PIPE GRAPPLE AND STINGER ATTACHMENT - SUNBELT  
OSR TRAILER, SAFETY TRAILER, COMMUNICATIONS - STALLION  
TRASH TRAILER COMBO + 6 PORT O JOHNS - R&R

ALL COSTS TO 1503H WELL WHILE RU/FISING ON THAT WELL.